Dear VIZIO Customer,

Congratulations on your new VIZIO VBR120 Blu-ray DVD Player with Internet. For maximum benefit of your Blu-ray DVD Player, read these instructions before making any adjustments, and retain them for future reference. We hope you will experience many years of enjoyment from your new VIZIO Blu-ray DVD Player.

For assistance, please call **877-MYVIZIO** (877-698-4946) or e-mail us at www.VIZIO.com.

To purchase or inquire about accessories and installation services for your VIZIO Blu-ray DVD Player, please visit our website at www.VIZIO.com or call toll free at **(888) 849-4623**.

We recommend you register your VIZIO Blu-ray DVD Player at our website www.VIZIO.com. For peace of mind and to protect your investment beyond the standard warranty, VIZIO offers on-site extended warranty service plans. These plans give additional coverage during the standard warranty period. Visit our website or call us to purchase a plan.

Write down the serial number located on the back of your player for easy reference when obtaining warranty support:

Serial #: _____ Purchase Date _____

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Important Safety Instructions

Please read the manual carefully before using this BD player, and keep it safe for future reference.

The lightening flash and arrowhead within the triangle is a warning sign alerting you of dangerous voltage inside the product.	To reduce the risk of electric shock, do not remove the cover (or back). No user-serviceable parts are inside. Refer servicing to qualified service personnel.	The exclamation point within the triangle is a warning sign alerting you of important instructions accompanying the product.

Warning

In order to prevent the risk of fire or electric shock, do not expose the machine to rain or any moisture. Do not open the case of the unit because of the risk of electric shock. Repair work must be undertaken by qualified personnel.

Caution

- This BD player has a laser system
- Please note that hazardous radiation leakage may be caused if the player is misused in anyway.
- Do not defeat the safety interlocks.
- Do not open the case of the player. The laser light will become visible when the case is opened.

CLASS 1 Laser Product

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Class II equipment symbol
This symbol indications that the unit has a double insulation system

Precautions

Read these operating instructions carefully before using the unit. Following all the safety instructions listed below. Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Do not expose unit to dripping or splashing and do not place liquid filled objects such as vases on the unit.

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Opening the Package

Your Blu-ray DVD Player and its accompanying accessories are carefully packed in a cardboard carton that has been designed to protect it from transportation damage. Once you have opened the carton, check that your player is in good condition and that all of the contents are included.

IMPORTANT: Save the carton and packing material for future shipping.

Package Contents

- VIZIO VBR120
- VIZIO remote control
- AA batteries for the remote control (2)
- Composite video and audio cable
- Quick Setup Guide

Blu-ray DVD Player Accessories and Services

Additional certified accessories for your player are sold separately:

- High Definition Video cables (HDMI or Component)
- High Definition Audio cables (HDMI, Coaxial, or Optical)
- Extra or replacement remote

VIZIO also offers installation services and extended warranty services for your player. To purchase or inquire about additional accessories and services for your player, visit our website at www.VIZIO.com or call us toll free at **877-MYVIZIO** (877-698-4946).

Finding a Location for Your Player

Here are some things you should consider when deciding on a proper location for your player:

- The power consumption of your player is about 25W (average).
    - Use the included power cord.
    - When an extension cord is required, use one with the correct power rating.
- To take full advantage of your player, you will need an Internet connection. Connect to the Internet by plugging in an Ethernet cable (not included) from your Internet connection to the Ethernet port on your player. See *Connecting to your home network* on page 20 for detailed information on setting up your Internet connection.
- For proper ventilation, you must allow at least 4 inches (10 cm) between the back of your player and the wall.
- Avoid installing your player in places with high humidity, dust, or smoke so you do not shorten the service life of the electronic components.
- Read this user manual carefully before setting up your player.

VIZIO offers professional installation services including home networking. Contact VIZIO for more information on these services at **877-MYVIZIO** (877-698-4946) or www.VIZIO.com.

Chapter 1 Features & Formats

Features

- Movies, music, photos, chat and more all from the Internet.
- Full, high-definition video playback at up to 1080p resolution for an amazing viewing experience.
- Up-conversion of standard-definition DVDs for enhanced picture quality at up to 1080p via HDMI.
- Rich multi-channel surround sound.
- Easy HDTV connection using a single HDMI cable.
- Multiple outputs for connecting your home theater system or amplifier.
- PIP functionality that lets you display primary and secondary video at the same time (if available on the Blu-ray Disc).
- Pop-up menu display without interrupting playback (if available on the Blu-ray Disc).
- HDMI 1080p output (Blu-ray Disc only) that provides smooth playback of video with a frame rate of 60 frames per second (TV must be connected with an HDMI cable and be compatible with 1080p 60 frames per second).
- Java support that enables you to get the most out of the latest Blu-ray discs. When a BD disc loads, explore the title menu to enjoy these extra features.

Supported Discs

Disc Type	Logo
Blu-ray Disc	
DVD-video (DVD-ROM)	
DVD-RW	
DVD-R	
DVD+R	
DVD+RW	
CD-R	
CD-RW	
Audio CDs (CDDA)	
MP3/JPEG/Data CD	

Note:

- Your player can play CD-Rs, CD-RWs, DVD-RWs, and DVD-Rs recorded with UDF or ISO9660 format.
- Writeable DVDs (DVD-RW, DVD-R) must be finalized (VR mode only).
- Your player supports AVCHD playback on writeable media (DVD±R, DVD±RW) only.

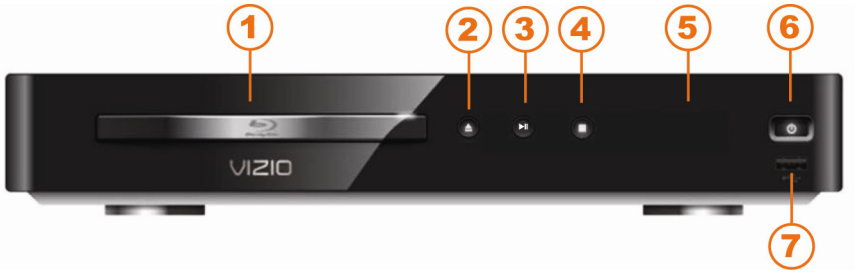
Supported file extensions

- .mp3 (high bit-rate or variable bit-rate .mp3 files may not play back correctly)
- .jpeg
- .jpg

Region codes

Blu-ray Discs and DVDs have region codes to help prevent illegal distribution of discs. If the disc's region code does not match your player's region code, the disc will not play. The disc's region code is displayed on the disc or disc packaging. You can only play Blu-ray Discs that have a region code of A and you can only play DVDs that have a region code of 1 or ALL.

Chapter 2 Basic Controls and Connections



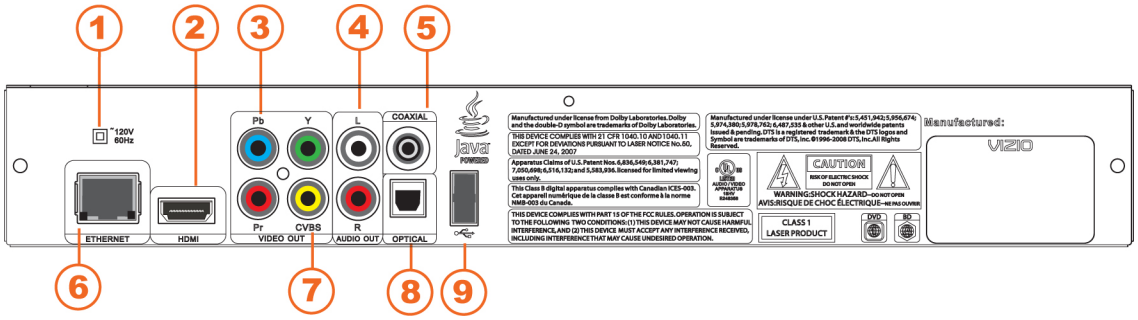
Front

The controls on the front of your player are touch-sensitive. Just touch a finger anywhere on the front panel and the controls will light up.

1. **Disc Tray—**Insert a disc with the label side up into this tray.
2. **Open/Close (⏏) —**Press to open or close the disc tray.

   Note: Due to the nature of Blu-ray discs, it may take a moment for the disc tray to respond.
3. **Play/Pause** (⏯)**—**Press to play disc. Press again to pause play.
4. **Stop (** ■ **)—**Press to stop playback, and then press ⏯ to begin playback at the beginning of the disc.
5. **Remote Control Sensor—**Point the remote control directly at this sensor for the best response to the remote signal.
6. **Standby/On (** ⏻ **)—**Press to turn your player on or off. When your player is off, power is still entering your player. To disconnect all power, unplug the power cord.
7. **USB**—Connect a USB flash drive to view multimedia content such as pictures and music or to view BD-Live™ Content. Also use this port to perform system updates.

Rear Panel Connections

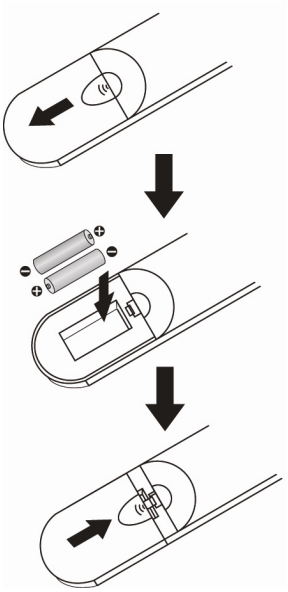


1. **POWER—**Connect this cord into a power outlet.
2. **HDMI—**Connect a digital video and audio device, such as TV, to this all digital connector. No additional audio connection is needed. Only HDMI is capable of delivering 1080p video and the highest quality Dolby and DTS soundtracks.
3. **COMPONENT (Y/CbPb/CrPr) —**Connect a component video device, such as a TV. For component TVs, you will also need to connect the red and white audio jacks (see #4 below) to the L/R Audio Out jacks. Component video is limited to 1080i.
4. **L/R AUDIO OUT—**Connect the audio for the TV you connected to the **VIDEO OUT** or **COMPONENT** jack to these audio jacks. You can connect the audio for a component TV to a sound system instead of to the TV.
5. **COAXIAL DIGITAL AUDIO OUT—** If you are not using an HDMI-capable audio receiver, connect to a sound system that has a coaxial audio jack.
6. **ETHERNET—**Connect an Ethernet cable (not included) to access services such as Netflix streaming, BD-Live, and software updates. See *Connecting to your home network* on page 20 for detailed information on setting up your Internet connection.
7. **VIDEO OUT—**Connect a standard AV TV. For composite TVs, you will also need to connect the red and white audio jacks (see #4 above) to the L/R Audio Out jacks.
8. **OPTICAL DIGITAL AUDIO OUT—**If you are not using an HDMI-capable audio receiver, connect to a sound system that has an optical audio jack.
9. **USB—**Connect a USB flash drive to view multimedia content such as pictures and music or to view BD-Live™ Content. Also use this port to perform system updates.

VIZIO Remote Control

Insertion of Batteries in the Remote Control

1. Remove the battery cover.
2. Insert two AA batteries into the remote control. Make sure that you match the (+) and (-) symbols on the batteries with the (+) and (-) symbols inside the battery compartment.
3. Replace the battery cover.



Precautionary Tips for Inserting the Batteries:

- Only use the specified AA batteries.
- Do not mix new and old batteries. This may result in cracking or leakage that may cause a fire or lead to personal injury.
- Inserting the batteries incorrectly may also result in cracking or leakage that may cause a fire or lead to personal injury.
- Dispose of batteries according to local hazardous waste regulations.
- Keep the batteries away from children and pets.

Remote Control Range

- The effective range of the remote control is approximately 23 feet (7 meters) from the front of the remote control sensor, 30° to the left and right, 30° up and down.
- Point the remote control at the remote control sensor to transmit the commands.
- Do not place any obstacles between the remote control and the remote control sensor.

VIZIO Remote Control Precautions

- The remote control should be kept dry and away from heat sources. Avoid humidity.
- If your player responds erratically to the remote control or does not respond at all, check the batteries. If the batteries are low or exhausted, replace them with fresh batteries.
- When not using the remote control for a long period of time, remove the batteries.
- Do not take the batteries apart, heat them, or throw them into a fire.
- Do not subject the remote control to undue physical stress, such as striking or dropping it.
- Do not attempt to clean the remote control with a volatile solvent. Wipe it with a clean, damp cloth.

Remote Control Buttons

OPEN/CLOSE (⏏)—Press to open or close the disc tray.
Note: Due to the nature of Blu-ray discs, it may take a moment for the disc tray to respond.

STANDBY/ON (⏻)—Press to turn your player on from the Standby mode. Press it again to return to the Standby mode.

A (red), **B** (green), **C** (yellow), **D** (blue)**—**

- Press the **A** (red) button to exit from Apps, such as Netflix, Vudu, and Pandora.
- Press the **B** (green) button to set up your network connection, if prompted on the *Home* menu.
- Press these buttons to control playback of Blu-ray Discs that have a Java™ application (BD-J). For more information, see the documentation that came with the Blu-ray Disc.

SETUP—Press to open the setup menu to adjust various options.

DISC MENU—Press to stop playback and return to the main Blu-ray/DVD title menu. This button also opens a menu to control playback of MP3 or JPEG files.

▲▼◄ ►—Press to navigate the disc menu when playing a Blu-ray Disc or DVD. These buttons also navigate the pop-up menu when playing MP3 or JPEG files.

SELECT—Press to select an option after it has been highlighted in the menu.

RETURN—Press to return to the previous page:

- When using your Apps such as Netflix, Vudu, and Pandora.
- When going through the *Settings* or *Media* menus.

POPUP MENU/TITLE MENU—Press to open a menu that lets you control Blu-ray Disc playback. This button also opens the DVD menu (if available).

PREVIOUS (⏮)—Press to go to the previous title, chapter, or track.

NEXT (⏭)—Press to go to the next title, chapter, or track.

FAST REVERSE(◀◀)—Press repeatedly to increase the fast reverse speed from Fast x2, Fast x4, Fast x8, Fast x16, Fast x32, Fast x64, to Fast x128. Press ⏯ to resume playback.

PLAY/PAUSE (⏯)—Press to start or pause playback of discs or multimedia files.

FAST FORWARD (▶▶)—Press repeatedly to increase the fast forward speed from Fast x 2, Fast x 4, Fast x 8, Fast x 16, Fast x 32, Fast x 64, to Fast x 128. Press ⏯ to resume playback. When viewing picture files, press to change the slideshow speed from 5 seconds, 2 seconds, 1 second, to No Delay.

STOP (■)—Press once to stop disc playback and then press ⏯ to begin playback at the current location. Press twice to fully stop disc playback then press ⏯ to begin playback from the beginning of the disc. Also, press once to stop streaming audio and video content.

Note: Some Blu-ray discs will only begin playing the disc from the beginning of the disc after you press Stop. If you want to continue at your current location on those discs, it is recommended that you press ⏯.

FRAME ADVANCE (⏸▶)—Press to advance the disc one frame at a time. Press ⏯ to resume normal playback.

VIZIO TV VOLUME DOWN (-)—If you have a VIZIO TV, press to turn the volume down on that TV.

MUTE—If you have a VIZIO TV, press to mute the volume on that TV.

VIZIO TV VOLUME UP (+)—If you have a VIZIO TV, press to turn the volume up on that TV.

INFO—Press to display Title Elapsed, Title Remaining, Chapter Elapsed, and Chapter Remaining. Press again to turn the display Off.

PIP—Press to turn picture-in-picture (PIP) mode on or off. PIP is only available on supported Blu-ray discs.

SUBTITLE—Press to select a subtitle language. SUBTITLE **XX/XX XXX** appears on the screen. The first **XX** shows the number of the current language. The next **XX** shows the total number of languages available. **XXX** shows the letter abbreviation for the country. Press again to turn subtitles off.

AUDIO—Press to select the audio language (if multiple languages are available on the disc). When pressed, **XX/XX XXX** appears on the screen. The first **XX** shows the current audio language number. The next **XX** shows the total number of audio languages available. And **XXX** describes the current audio language.

RES—Press to select the video resolution. Choose from: 480i, 480p, 720p, 1080i, 1080p, or HDMI AUTO. **Note:** Setting a resolution your TV cannot support could result in an unstable picture or loss of picture. Check your TV manual for guidance.

ANGLE—Press to select a viewing angle (if multiple angles are available on the disc). **Angle X of X** appears on the screen. The first **X** shows the current viewing angle. The second **X** shows the total number of viewing angles available.

A-B—Press to create a playback loop. Play the disc until it reaches the place where you want the loop to start, and then press **A-B**. Play the disc until it reaches the place where you want the loop to stop, and then press **A-B** again. Your player plays that loop continuously. Press **A-B** again to resume normal playback.

REPEAT—When playing a standard disc (non-Blu-ray) press once to repeat the current title. Press again to repeat the current chapter. Press a third time to resume normal playback.

NUMBER BUTTON PAD—While searching, press to enter a title, chapter, track, or time. If the parental control function is enabled, use these buttons to enter or set a password.

SEARCH—Press to search for a title, chapter, or specific time on a disc.

CANCEL—Press to clear an input error.

Note: Not all remote control functions may work. Functionality depends on the Blu-ray DVD disc being played.

Chapter 3 Using Your Player for the First Time

1. Insert batteries into the remote control.
2. Connect a TV to your player (see *Connecting Equipment* on page 15 for detailed steps).
3. Connect the power cord into an AC wall socket.
4. Turn on your player and TV.
5. Select the correct input on your TV for your player (i.e. HDMI, Component, AV, etc.).
6. Press ⏏ to open the disc tray, place a disc with the label side up and then press ⏏ to close the tray. The disc will start loading, and the main disc menu will appear or movie previews will begin to play.

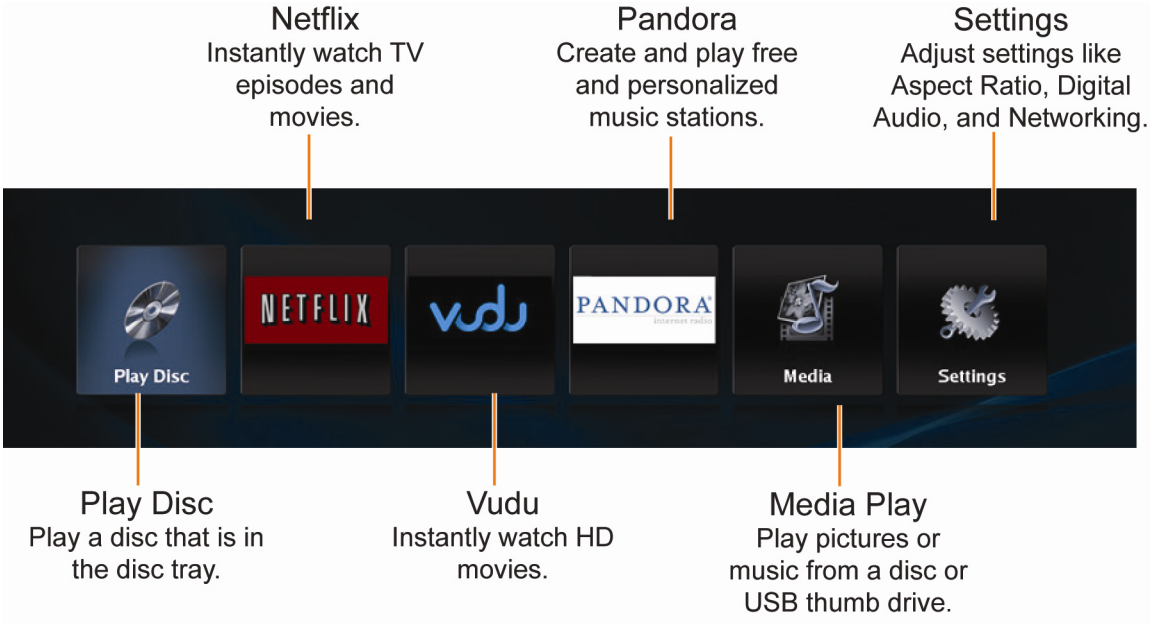
Connecting to the Internet

Your player delivers popular online content right to your TV! When you turn on your player or press **SETUP** on your remote while a disc is playing, the *Home* menu appears in the middle of your screen with a selection of different Apps that let you watch movies, TV shows, or listen to music, all on demand.

A high-speed Internet connection is required to receive automatic product updates and to access your favorite online content. Connect your player to the Internet using an Ethernet cable (not included). See *Connecting to your home network* on page 20 for detailed information on setting up your Internet connection.

Exploring the Home Menu

When you turn on your player or press **SETUP** on your remote while a disc is playing, the *Home* menu appears in the middle of your screen. Press ◄ or ► to scroll through all of the Apps. Press **SELECT** to open an App.

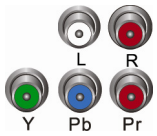


Chapter 4 Connecting Equipment

Which Video Connection Should I Use?

You have three options for connecting your TV to your Blu-ray DVD Player: HDMI, Component, or Composite. Based on your home theater configuration, you can decide which option is the right one for you.

High-definition video is only available through HDMI and Component connections. To view high-definition content, your TV must support high-definition video. Consult your TV user manual regarding high-definition video support.

Connection Quality (type)	Connector	Description
Best (digital)		**HDMI** delivers the best image quality of any of the cable types available and it's all done over one cable. You get a great picture and cut down on your cable clutter. HDMI provides digital quality and amazing sound so if your TV has HDMI, this is the connection type you should be using.
Better (analog)		**Component** consists of three cables for transmitting video and two cables for transmitting audio: one red and one white. Component video provides a sharper image than Composite video and should be used instead of composite when possible. However, because it is still an analog connection, it won't provide the high-quality video and audio that HDMI can produce.
Compatible (analog)		**Composite** consists of one yellow cable for transmitting video and two cables for transmitting audio: one red and one white. It is capable of transmitting stereo sound and standard definition video (480i). While it provides a good image, it has lower image quality than HDMI or Component. So try to use one of those connections first.

Note: To maintain the display quality, use a VIZIO certified HDMI cable. This cable is available in 6, 8, and 12 foot lengths. Visit www.vizio.com or call 1-888-VIZIOCE (1-888-849-4623) for details.

Which Audio Connection Should I Use?

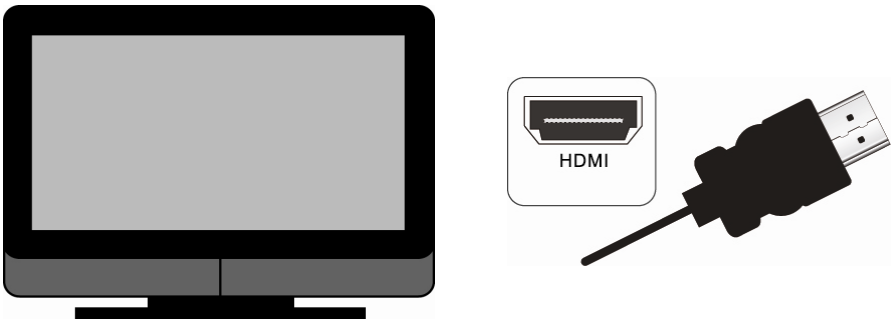
If you are not using HDMI, which carries both the video and the audio signal, you have three options for connecting your Blu-ray DVD Player: Digital Coaxial, Digital Optical, or Analog. Based on your home theater configuration, you can decide which option is the right one for you.

Connection Quality (type)	Connector	Description
Best (digital)		**Digital Coaxial** (or coax) carries the digital audio signal using shielded copper wire and connects with RCA jacks, which stay firmly connected. Coaxial cables may be susceptible to interference so 'hum' problems in the system components. The cable carries all available audio channels—left/right stereo and 5.1-channel surround sound.
Best (digital)		**Digital Optical** (also known as Toslink) carries the digital signal using a red light beam through plastic fiber optic cable. Optical cables are not susceptible to interference but are more fragile than coax cables and cannot be bent or pinched. The ends of an optical cable use an odd-shaped connector that is not as secure as a coaxial cable with RCA jacks. The cable carries all available audio channels—left/right stereo and 5.1-channel surround sound.
Compatible (analog)		**Analog** consists of two cables for transmitting audio: one red and one white. It is capable of transmitting stereo sound and while it provides good sound, it is lower quality than HDMI or one of the digital options. So try to use one of those connections first.

Connecting to a TV

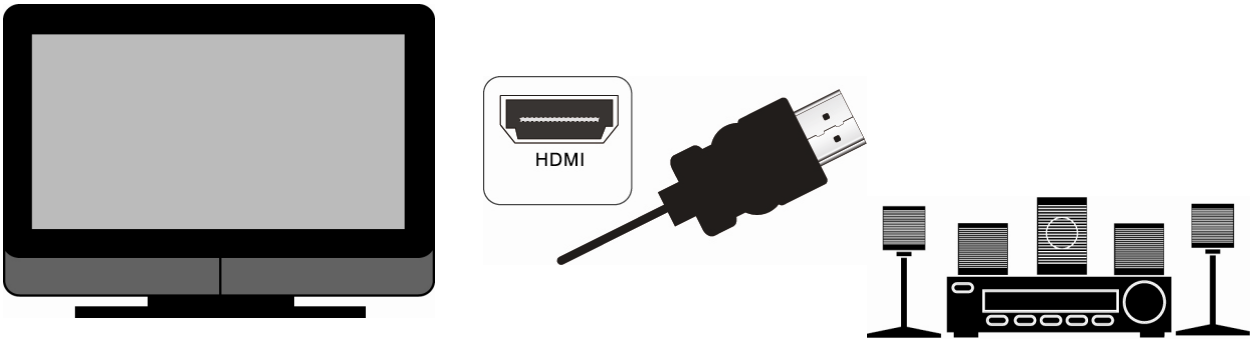
Using HDMI (Best)

HDMI with no HDMI-capable home theater sound system



1. Connect an HDMI cable (not included) from the **HDMI IN** jack on your TV to the **HDMI** jack on the back of your player.
2. Turn on the power to your player.
3. Select the corresponding **HDMI** input on your TV to view the disc.

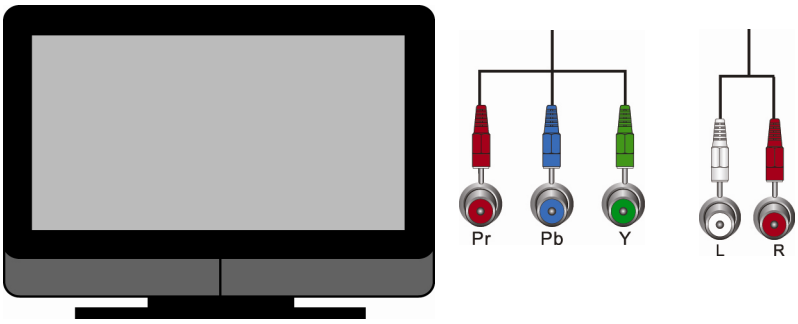
HDMI with an HDMI-capable home theater sound system



1. Connect an HDMI cable (not included) from the **HDMI** jack on your player to the **HDMI IN** jack on the home theater system.
2. Use another HDMI cable (not included) to connect the **HDMI OUT** on the home theater system to the **HDMI IN** on the TV.
3. Turn on the power to your player.
4. Select the corresponding **HDMI** input on your TV to view the disc.

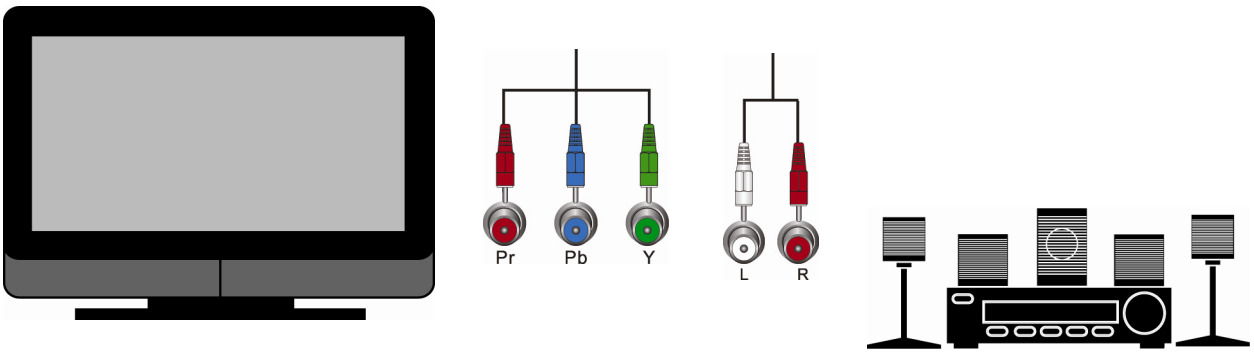
Using Component Video (Better)

Component Video with no home theater sound system



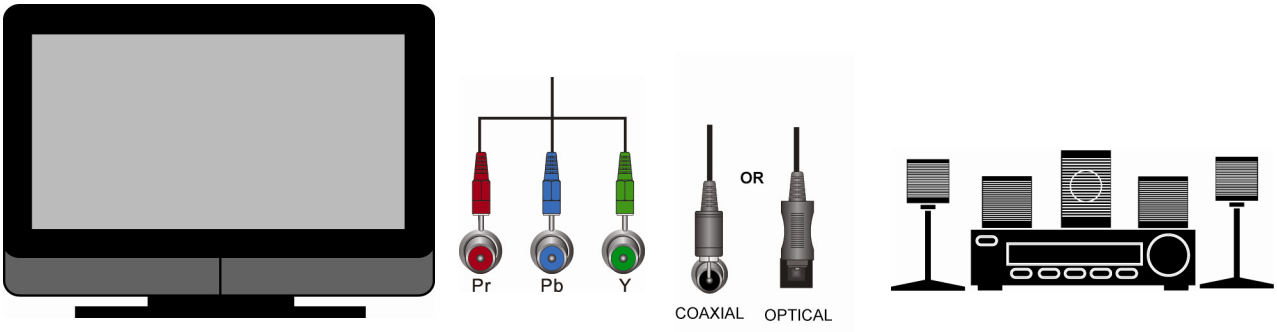
1. Connect the green, blue, and red component cables (not included) from your TV to the **COMPONENT** jacks on the back of your player.
2. Connect the white and red audio cables (not included) from your TV to the adjacent **ANALOG L/R AUDIO OUT** jacks on the back of your player.
3. Turn on the power to your player.
4. Select the corresponding **Component** input on your TV to view the disc.

Component Video with a home theater sound system using analog audio



1. Connect the green, blue, and red component cables from your TV to the **COMPONENT** jacks on the back of your player.
2. Connect the white and red audio cables (not included) from your TV to the **ANALOG L/R AUDIO OUT** jacks on the home theater system.
3. Turn on the power to your player.
4. Select the corresponding **Component** input on your TV to view the disc.

Component Video with a home theater sound system using digital audio



Your Blu-ray Player has two digital audio jacks: coaxial and optical. If your home theater system is equipped with one of these jacks, connect your digital home theater system from your player to one of these jacks. Depending on your home theater system, your Blu-ray player may need to be set to **PCM** or **BITSTREAM** audio output mode. See the documentation that came with your home theater system.

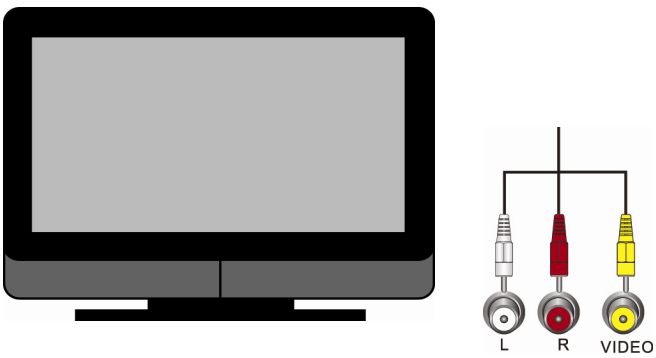
1. Connect the green, blue, and red component cables (not included) from your TV to the **COMPONENT** jacks on the back of your player.
2. Connect a coaxial digital audio cable (not included) from the **COAXIAL DIGITAL AUDIO OUT** jack on the back of your player to the **COAXIAL IN** jack on the home theater system.

OR

Connect an optical digital audio cable (not included) from the **OPTICAL DIGITAL AUDIO OUT** jack on the back of your player to the **OPTICAL IN** jack on the home theater system. You may first need to remove the plug from the **OPTICAL** jack.

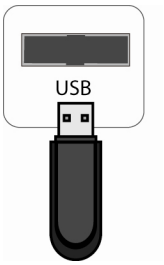
3. Turn on the power to your player.
4. Select the corresponding **Component** input on your TV to view the disc.

Using Composite/AV Video (Compatible)



1. Connect the yellow video cable from your TV to the **VIDEO OUT** jack on the back of your player.
2. Connect the white and red audio cables on your TV to the corresponding **ANALOG L/R AUDIO OUT** jacks on the back of your player.
3. Turn on your player and set-top box.
4. Select the corresponding **AV** input on your TV to view the disc.

Connecting a USB drive



The USB port on the Blu-ray player allows you to:

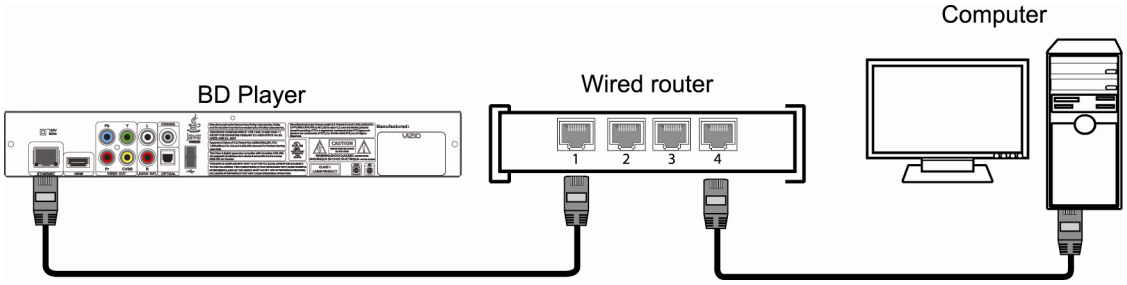
- Access BD-Live™ content on BD-Live™ supported discs (see *Accessing BD-LiveTM Content* on page 25).
- Play multimedia files such as pictures and music that are stored on the USB device.

Note: The USB device should be larger than 1GB with at least 1GB of free space and formatted FAT32. NTFS and other file systems are not supported.

Connecting to your home network

Connect to the Internet by plugging in an Ethernet cable (not included) from your Internet connection to the Ethernet port on your player.

Using a wired (Ethernet) connection



1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home m*enu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home m*enu.
2. Connect one end of an Ethernet cable (not included) to the Ethernet port on your player.
3. Connect the other end of the Ethernet cable to your home network (usually your router). Your home network must have broadband Internet access such as cable or DSL. Your player should automatically get an IP address on the network and display the *Connected* icon in the upper right hand corner of your TV.
    a. A small number of users may need to manually adjust the network settings. See the *Network Menu* on page 35 for detailed information on configuring your Internet connection.
    b. If you need additional help setting up your network, please refer to the user manual for your router or contact the manufacturer of either your router or your Internet service provider if they provided the router for you.

Chapter 5 Using Netflix

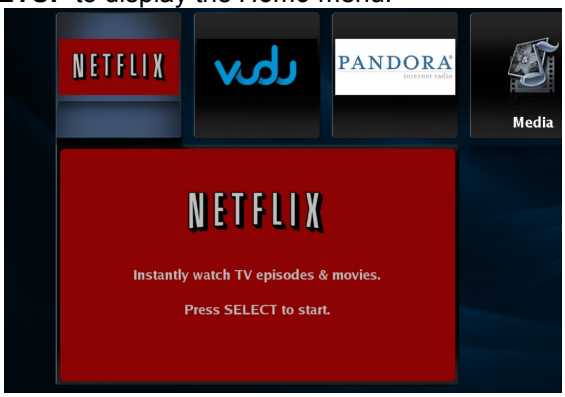
Instantly watch movies and TV episodes from Netflix streamed over the Internet to your TV via your VIZIO Blu-ray player. Just connect to the Internet by plugging in an Ethernet cable (not included) from your Internet connection to the Ethernet port on your player. **IMPORTANT**: You must first activate your player before you can use it to watch movies from Netflix.

Activating your player for Netflix

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Netflix* and then press **SELECT**.
3. If you do not have a Netflix account, select *no-start my FREE trial*. Go to your computer and sign at www.netflix.com/VIZIO, and then come back to your player and select *I'm now a member.* An activation code will be displayed on your TV.

   OR

   If you do have an existing Netflix account, select yes-activate instant streaming from Netflix. Enter your email address and password to log into your account. An activation code will be displayed on your TV.



4. Go to your computer and go to www.netflix.com/activate.
5. Enter the activation code that is displayed on your TV.

Watching a movie with Netflix

1. Be sure you have activated your account.
2. Add movies to your Instant Queue from either your player or from the Netflix website.
3. Press ◄ or ► to select *Netflix* and then press **SELECT**.
4. Select and play movies or TV episodes.
5. When watching a movie, control the playback using your players remote control:
   - Press ⏯ to pause playback. Press it again to resume playback.
   - Press ■ to stop playback and return to the Instant Queue.
   - Press ◄ or ► to pause playback and enter frame scanning mode. Repeatedly press ► to scan backward or forward one frame at a time. To resume playing from the point you paused the movie, press ▲.
   - Press ▶▶ or ◀◀ to pause playback and scan forward or backward through the movie. To scan faster, press the button again. To play the highlighted scene, press **SELECT**. To resume playing from the point you paused the movie, press ▲.
   - Press the **A** (red) button on your remote to close Netflix and return to your player's *Home* Menu.

Notes:

- Even with a high-resolution setup, quality may be compromised because of your Internet connection speed. We recommend a minimum connection speed of 1.5 Mbps. For the best quality, a connection speed of 4.0 Mbps is required. Sometimes your broadband speed varies based on your ISP's network conditions. Contact your ISP if you have problems maintaining a fast connection that is reliable, or if you want to increase your connection speed.

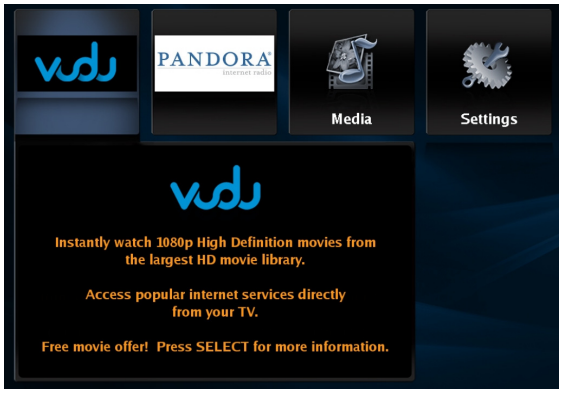
- Deactivate streaming from Netflix to your player using the *Deactivate Netflix* option in the *Settings* menu. See *Restore Factory Defaults* on page 35 for more information.
- For questions regarding the Netflix service please visit: www.netflix.com/help or call 1-866-579-7113.

Chapter 6 Using Vudu

Instantly watch 1080p High Definition movies from the largest HD movie library. Access popular internet services directly from your TV. Just connect to the Internet by plugging in an Ethernet cable (not included) from your Internet connection to the Ethernet port on your player. **IMPORTANT**: You must first activate your player before you can use it to watch movies from Vudu.

Activating your player for Vudu

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Vudu*, and then press **SELECT**.
3. Press ◄ or ► to select *Vudu movies*, and then press **SELECT**.
4. Select the *Vudu* offer displayed and then press **SELECT**.
5. Enter your e-mail address using the on-screen keyboard.
6. Go to your computer and find the e-mail sent to you from Vudu (it might be in your Junk mail folder). Follow the instructions in the e-mail to complete account setup.


vudu
PANDORA
Media
Settings
vudu
Instantly watch 1080p High Definition movies from the largest HD movie library.
Access popular internet services directly from your TV.
Free movie offer! Press SELECT for more information.

Watching a movie with Vudu

1. Be sure you have activated your account.
2. Turn on your player.
3. Press ◄ or ► to select *Vudu* and then press **SELECT**.
4. Add movies and TV shows to your Wish List from either your player or from the Vudu website.
5. When watching a movie, control the playback using your players remote control:
   - Press ⏯ to pause playback. Press it again to resume playback.
   - Press ◄ or ► to pause playback and enter frame scanning mode. Repeatedly press ► to scan backward or forward one frame at a time. To resume playing from the point you paused the movie, press ⏯.
   - Press ◄◄ or ►► to pause playback and scan backward or forward through the movie. To scan faster, press the button again. To play the highlighted scene, press **SELECT**. To resume playing from the point you paused the movie, press ⏯.
   - Press **INFO** to display information about the movie.
   - Press **RETURN** or ■ to stop playback and return to the movie details page.
   - Press **SETUP** or the **A** (red) button to stop playback and return to your players *Home* Menu.

Notes:

- Deactivate streaming from Vudu to your player using the *Deactivate Vudu* option in the *Settings* menu. See *Restore Factory Defaults* on page 35 for more information.
- For questions regarding the Vudu service please contact them directly by calling toll free (888) 554-VUDU (8838) 7 a.m. to 8 p.m. PST, 7 days a week, except holidays.

Chapter 7 Using Pandora

Free and personalized just for you, playing only the music that you love. Simply enter one of your favorite songs or artists and Pandora creates a radio station that explores jus that kind of music. Just connect to the Internet by plugging in an Ethernet cable (not included) from your Internet connection to the Ethernet port on your player.

Activating your player for Pandora

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Pandora* and then press **SELECT**.
3. If you do have an existing Pandora account, select *I have a Pandora account*. Enter your email address and password to log into your account.

   OR

   If you do not have a Pandora account, *select I am new to Pandora*. Go to your computer and sign at http://www.pandora.com/vizio.

PANDORA
Media
Settings
Play Disc
PANDORA
internet radio
Free and personalized just for you, playing only the music that you love.
Simply enter one of your favorite songs or artists and Pandora creates a radio station that explores just that kind of music.
Press SELECT to start.

4. Enter the activation code that is displayed on your TV and follow the on screen instructions.
5. The player will be updated automatically with your account information.
6. Type the name of your favorite artist, song or composer to create a radio station using the on-screen keyboard, select *Search*, and then press **SELECT**.
7. The radio station will begin playing.

Listening to music with Pandora

1. Be sure you have activated your account.
2. Turn on your player.
3. Press ◄ or ► to select *Pandora* and then press **SELECT**.
4. Create a new station by entering a favorite song or artist using the on-screen keyboard. The music begins playing and information about the song is displayed. You can also create stations on the Pandora website.

   OR

   Select a previously created station. The music begins playing and information about the song is displayed.

5. When listening to a song, control the playback using your remote control:
    - Press ►II to pause playback. Press it again to resume playback.
    - Press◄ ► ⏮ or ⏭ to go to the previous or next song.
    - Press ▲ or ▼ to select *Thumbs Up* and then press **SELECT** to have Pandora plays more songs like the one currently playing.
    - Press ▲ or ▼ to select *Thumbs Down* and then press **SELECT** to have Pandora plays fewer songs like the one currently playing.
    - Press ▲ or ▼ to select *Menu* and then press **SELECT** to display a variety of song and station options including setting bookmarks, deleting and renaming stations, and learning why a song is playing.
    - Press **RETURN** to return to the Pandora menu.
    - Press **SETUP** or the **A** (red) button on your remote to exit from Pandora.

Notes:

- Deactivate streaming from Pandora to your player using the *Deactivate Pandora* option in the *Settings* menu. See *Restore Factory Defaults* on page 35 for more information.
- For questions regarding the Pandora service please visit: http://www.pandora.com/support/

Chapter 8 Playing a Disc

1. Connect a TV to your player (see *Connecting Equipment* on page 15 for detailed steps).
2. Connect the power cord into an AC wall socket.
3. Turn on your player and TV.
4. Select the correct input on your TV for your player (i.e. HDMI, Component, AV, etc.).
5. Press ⏏ to open the disc tray, place a disc with the label side up and then press ⏏ to close the tray. The disc begins loading, and the main disc menu will appear or movie previews recorded on the disc will begin to play.
    - Press ⏯ to pause playback. Press it again to resume playback.
    - Press ■ once to stop playback and then press ⏯ to begin playback at the current location. Press twice to fully stop playback then press ⏯ to begin playback from the beginning of the disc. Note: some Blu-ray discs will only begin playing the disc from the beginning of the disc after you press Stop. If you want to continue at your current location on those discs, it is recommended that you press ⏯.
    - Repeatedly press ▶▶ or ◀◀ to fast forward or fast reverse the speed from Fast x 2, Fast x 4, Fast x 8, Fast x 16, Fast x 32, Fast x 64, to Fast x 128. Press ⏯ to resume playback.
    - Press ⏮ once to go to the beginning of the current chapter or track. Press ⏮ twice to go to the previous chapter or track.
    - Press ⏭ to go to the next title, chapter, or track.
    - Repeatedly press ⏯ to advance the disc forward one frame at a time (if allowed by the disc). Press ⏯ to resume playback.
    - To open a menu, press **POPUP MENU/TITLE MENU**, press ▲ ▼ ◄, or ► to select an option, and then press **SELECT**.
6. When you are finished playing the disc, press ⏏ to open the tray and remove the disc.

Notes:

- If ⃠ appears on the screen, the operation you are trying to do is not allowed by your player or the disc. For example, most discs will not allow you to fast forward through the warning information at the beginning of a movie.
- Due to the nature of Blu-ray discs, the Eject function may take a moment to respond.
- Some Blu-ray Discs and DVDs play movie trailers before the movie. Some will allow you to skip these trailers by pressing ⏭ or **DISC MENU** on the remote control.
- Some Blu-ray Discs and DVDs contain more than one movie soundtrack, in different languages and audio quality. You can select the best soundtrack for your audio receiver from the main menu, or by pressing the **DISC MENU** on the remote control.

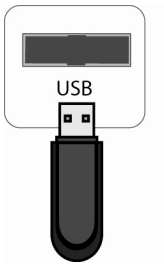
Chapter 9 Accessing BD-Live™ Content

BD-Live™ allows you to download additional content for your Blu-ray movie using your Internet connection.

Add features beyond what came with the disc. BD-Live™ is available on supported discs. Look for the BD-Live™ logo and consult the documentation that came with the Blu-ray disc.

1. Connect a TV to your player (see *Connecting Equipment* on page 15 for detailed steps).
2. Connect the power cord into an AC wall socket.
3. Turn on your player and TV.
4. Select the correct input on your TV for your player (i.e. HDMI, Component, AV, etc.).
5. Connect your Blu-ray player to your home network (see *Connecting to your home network* on page 20).
6. Connect a USB storage device to the USB port on the front of your player.

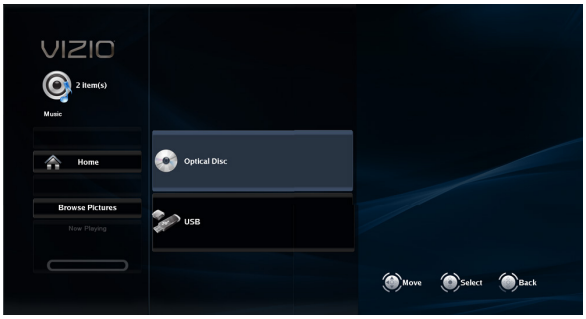
   Note: The USB device should be larger than 1GB with at least 1GB of free space and formatted FAT32. NTFS and other file systems are not supported.



7. Turn on your player and TV.
8. Press ⏏ to open the disc tray.
9. Press ⏏ to open the disc tray, place a BD-Live™ capable disc on the tray with the label facing up and then press ⏏ to close the tray. It may take a few seconds for the disc to load.
10. If the disc menu does not display, wait for the movie to begin playing and then press **DISC MENU**.
11. Press ▲▼◄ or ► to select the BD-Live™ option (most often found under *Special Features*), and then press **SELECT**. Depending on the speed of your Internet connection, it may take several seconds to connect to the BD-Live™ content.

Chapter 10 Playing Music files

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Insert a disc or connect a USB device containing music files to your player. Press ◄ or ► to select *Media*. The *Media* menu opens.
3. Press ▲ or ▼ to select *Music* and then press **SELECT**.
4. Press ▲ or ▼ to select the device containing your files, and then press **SELECT**. Choose *USB* or *Optical Disc*.
5. Press ▲▼◄ or ► to scroll through the folders and/or thumbnails.
6. Press **SELECT** to begin playing a song or to open a folder.
7. Press ◄ to select a menu option.



Home

Return to the DVD player's main menu.

Previous folder

This option is displayed when you have opened a folder containing files. Select it to return to the previous folder and then eventually back to the *Music* menu.

Media Menu

This option is displayed when you have files on both a USB device and a disc. Select it to return to the menu to select either the USB device or the disc.

Play Files

Play all of the songs on the selected device.

- Press ►II to pause playback. Press it again to resume playback.
- Press ■ to stop playback and return to the *Music* menu.
- Press ▸▸ or ◂◂ to fast forward or fast reverse. Press ►II to resume playback.
- Press ⏮ once to go to the beginning of the current song. Press ⏮ twice to go to the previous song. Press ⏭ to go to the next song.

Note: ⏮ and ⏭ only work when you select *Play Files* to begin playing all of the songs. When you select an individual song, go back to the menu to select the next or previous song.

- Press **REPEAT** cycle through the repeat and random settings. The icons next to the Play button will change accordingly. The options are **Repeat Off, Repeat All, Random On,** and **Repeat File**.
- Press **SEARCH** to go to a specific track number.
- Press **RETURN** to go back to the previous menu.

Browse Pictures

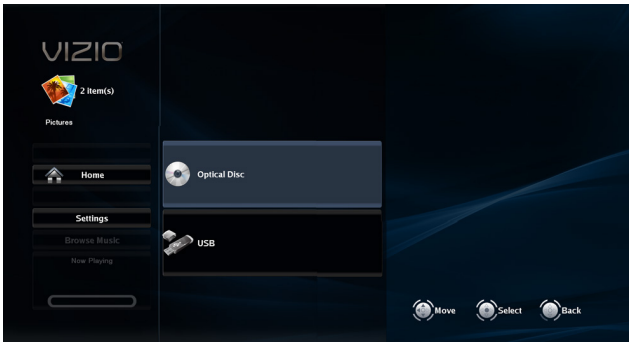
Go to the *Pictures* menu.

Now Playing

Display information about the song currently playing.

Chapter 11 Viewing Pictures

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Insert a disc or connect a USB device containing picture files to your player.
3. Press ◄ or ► to select *Media*. The *Media* menu opens.
4. Press ▲ or ▼ to select *Pictures* and then press **SELECT**.
5. Press ▲ or ▼ to select the device containing your files, and then press **SELECT**. Choose *USB* or *Optical Disc*. Thumbnails of the pictures on that device are displayed.
6. Press ▲▼◄ or ► to scroll trough the folders and/or thumbnails.
7. Press **SELECT** to begin playing a song or to open a folder.
8. Press ◄ to select a menu option.



Home

Return to the DVD player's main menu.

Previous folder

This option is displayed when you have opened a folder containing files. Select it to return to the previous folder and then eventually back to the *Pictures* menu.

Media Menu

This option is displayed when you have files on both a USB device and a disc. Select it to return to the menu to select either the USB device or the disc.

Start Slide Show

Play a slide show of all of the picture files on the selected device.

- Press ⏯ to pause playback. Press it again to resume playback.
- Press ■ to stop playback and return to the menu.
- Press ▶▶ to change the slideshow speed. Select 5 seconds, 2 seconds, or 1 second.
- Press ⏮ to go to the previous file. Press ⏭ to go to the next file.
- Press **REPEAT** cycle through the repeat settings. The icons next to the Play button will change accordingly. The options are **Repeat Off** and **Repeat All**.
- Press **INFO** to see file information about the displayed picture.
- Press **SEARCH** to go to a specific picture.
- Press **RETURN** to go back to the previous menu.

Browse Music

Go to the *Music* menu. The menu showing the devices connected to your player that contains music files is displayed.

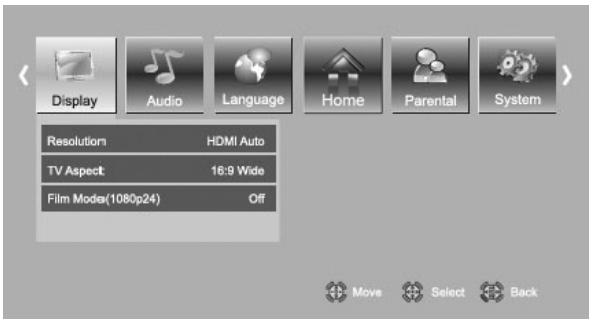
Now Playing

When music is playing, the track number and progress indicator is displayed in this area.

Chapter 12 Adjusting Blu-ray DVD Player Settings

The *Settings* menu allows you to adjust language, display, audio, and other settings. Your player will save changes made to the settings, even when your player is turned off.

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select one of the menus:
   - Display
   - Audio
   - Language
   - Home
   - Parental
   - System
   - Network
   - Info



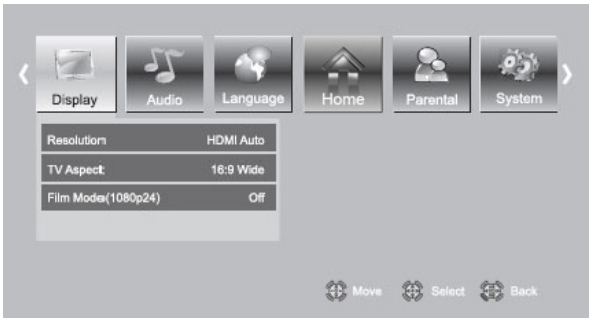
4. Press ▲ or ▼ to make your selection and then press **SELECT**.
5. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.

Display Menu

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *Display*. The *Display* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the Settings menu.

Resolution

Select the video output resolution option that best fits the type of TV you have connected to your player:



- **HDMI Auto**—Automatically sets the resolution if the TV is connected to the HDMI jack
- **1080p (HDMI)**—Select if the TV is a HDTV that can display 1080p (any frame rate) and is connected to the HDMI jack
- **1080i**—Select if the TV is a HDTV capable of 1080i only
- **720p**—Select if the TV is a HDTV capable of 720p only
- **480p**—Select if the TV is an EDTV (enhanced-definition TV)
- **480i**—Select if the TV is standard definition NTSC TV

Notes:

- Only the HDMI jack supports 1080p video output at any frame rate.
- The component jacks are limited to 1080i and the composite jacks are limited to 480i.

TV Aspect

Choose from **16:9 Wide**, **16:9 Pillarbox**, **4:3 Pan and Scan**, or **4:3 Letterbox** to set the picture size. If you have a wide-screen TV, select one of the 16:9 aspect ratios. If you have a standard TV, select one of the 4:3 aspect ratios.

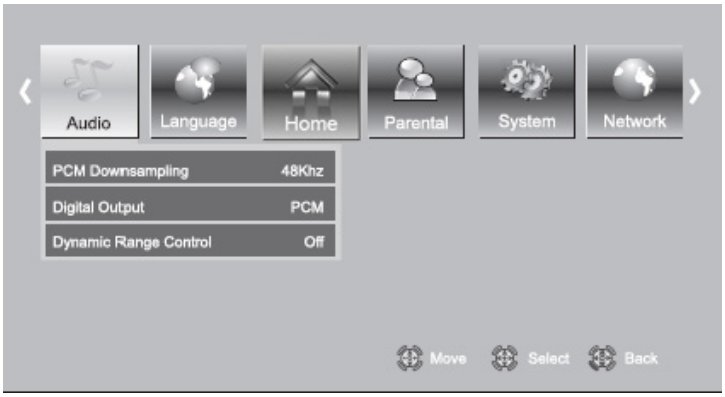
	TV Aspect Menu Selection			
	If your TV is more rectangular (16:9), choose:		**If your TV is more square (4:3), choose:**	
	16:9 Wide	**16:9 Pillarbox**	**4:3 Pan and Scan**	**4:3 Letterbox**
Disc Contents				
Movie in widescreen format	Movie will fill entire screen	No effect - Movie will fill entire screen	Center of movie will be shown on TV. Left and right portions of movie contents will not be shown	Movie will be shown in rectangular “wide” aspect ratio (Horizontal bars will be shown above/below movie)
HD television episodes in widescreen format	Episode will fill entire screen	No effect – Episode will fill entire screen	Center of episode will be shown on TV. Left and right portions of episode contents will not be shown	Episode will be shown in rectangular “wide” aspect ratio (Horizontal bars will be shown above/below episode)
SD (4:3) television episodes	Episode will be *stretched horizontally* to fit entire screen	Episode will be shown in center of screen. Vertical bars will appear on sides of screen	No effect—Episode will fill entire screen	No effect—Episode will fill entire screen
Cropped Movie (Movie put on disc in 4:3 aspect ratio)	Movie will be *stretched Horizontally* to fit entire screen	Movie will be shown in center of screen. Vertical bars will appear on sides of screen	No effect—Cropped movie will fill entire screen	No effect—Cropped movie will fill entire screen

Note: Setting your player for one of the 16:9 settings when connected to a 4:3 TV could result in the picture not filling the screen correctly.

Film Mode (1080p24)

Many movies recorded on Blu-ray discs are recorded at 24 frames per second (fps). If your player is connected to the TV via HDMI, and the TV has the capability to display 24 fps, setting *Film Mode* to **On** tells your player to output content recorded at 24 fps (without converting it to 30 or 60 frames/second).

Audio Menu



1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *Audio*. The *Audio* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.

PCM Downsampling

Select from **96KHz**, **48KH**, or **Off**. When connecting an audio receiver to your player using **DIGITAL AUDIO OUT** (coax or optical), set the PCM downsampling rate to match your audio receiver capabilities. Consult your audio receiver documentation for details on the supported PCM sampling rate.

Digital Output

Select from **PCM Stereo**, **Bitstream HD**, **Bitstream Legacy**, **Bitstream Mixed, PCM 5.1,** or **PCM 7.1**.

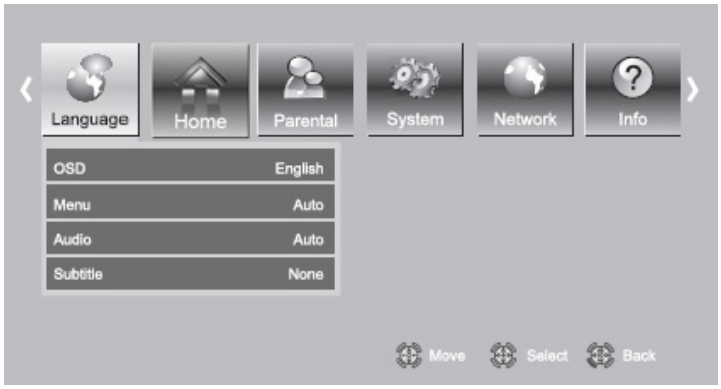
- **PCM Stereo** sends mixed digital audio (main audio track plus PIP audio) over HDMI in 2.1 channel PCM (if supported by HDMI device) and Digital Audio Out (coax or optical) in two-channel PCM format.
- **PCM 5.1** sends mixed digital audio (main audio track plus PIP audio) over HDMI in 5.1 channel PCM (if supported by HDMI device) and Digital Audio Out (coax or optical) in two-channel PCM format.
- **PCM 7.1** sends mixed digital audio (main audio track plus PIP audio) over HDMI in 7.1 channel PCM (if supported by HDMI device) and Digital Audio Out (coax or optical) in two-channel PCM format.
- **Bitstream HD** sends the bitstream from the disc over HDMI and Digital Audio Out (coax or optical)using the highest quality possible. HDMI has higher quality capabilities with advanced audio codecs like Dolby TruHD and DTS-HD. Blu-ray disc audio is limited to the soundtrack for the main movie and the player does not send PIP audio or audio effects.
- **Bitstream Legacy** sends the audio from the disc over HDMI or Digital Audio Out (coax or optical)using legacy DVD audio formats. Blu-ray disc audio is limited to the soundtrack for main movie and does not send PIP audio or audio effects.
- **Bitstream Mixed** sends mixed disc audio streams (including director's commentary and PIP audio, if enabled, and menu sound effects) in a single DTS bitstream. Use this option if you want to enjoy mixed Blu-ray Disc audio in surround sound.

Dynamic Range Control

This option is only used when a Dolby soundtrack is selected from the main menu on the disc. If Dolby movie soundtracks are played at a low volume and you set this option to **On**, your player applies appropriate automatic volume adjustments to make quiet scenes slightly louder, and loud scenes quieter. If set to **Off**, listen to movies at the original volume in which they were recorded. If you have selected a Dolby TruHD track on the BD disc, selecting **Auto** tells the BD player to only turn on dynamic range control if information embedded in the Dolby TruHD sound track tells it to do so.

Language Menu

Change the default language (English) used to set up the player and the default language presented when discs load and play. (Note: Many discs do not support multiple languages).



1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *Language*. The *Language* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.

OSD

Select the *Settings* menu language. Choose from **English**, **French**, or **Spanish**.

Menu

Select the disc menu language. The number of languages depends on the disc. Most discs have only one language available.

Audio

Select the disc audio language. The number of languages depends on the disc. Some discs do not allow you to select the audio language from the *Settings* menu. Instead, select the audio language from the main disc menu.

Subtitle

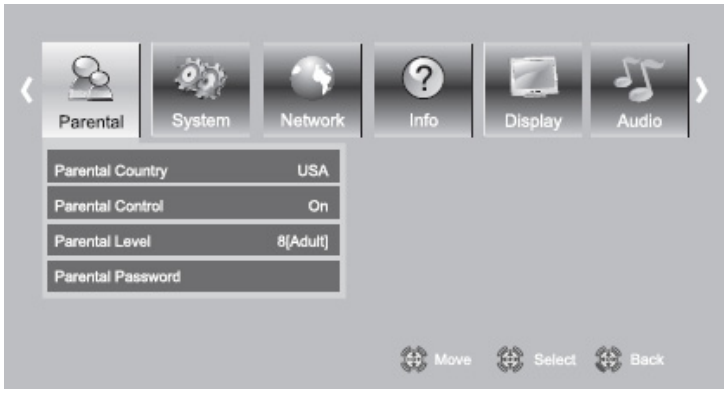
Select the disc subtitle language. The number of languages depends on the disc. Some discs do not allow you to select the subtitle language from the *Settings* menu. Instead, select the subtitle language from the main disc menu.

Home Menu

Return to your player's *Home* menu.

Parental Menu

Many discs are encoded with a rating, similar to the MPAA movie rating system. Configure your player to prevent playback of discs with a certain rating.



1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *Parental*. The *Parental* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.

Parental Country

Select to set the preferred country region language as the default when playing Blu-ray discs, if the disc supports that language.

Parental Control

Turn parental controls on or off. Selected programs, movies, and channels can only be viewed after you enter the password. Choose from **On** or **Off**. This option must be set to On to change other parental control options.

Parental Level

Select one of the following parental ratings to restrict program viewing on DVDs:

- **1 [Kid Safe]—**Suitable for all children
- **2 [G]—**General audiences
- **3 [PG]—**Parental guidance suggested
- **4 [PG-13]—**Not suitable for anyone under 13
- **5 [PG-R]—**Parental guidance recommended
- **6 [R]—**Not suitable for anyone under 17 unless supervised by a parent or adult guardian
- **7 [NC-17]—**Not suitable for anyone under 17
- **8 [Adult]—**All DVDs can be played

Note: The parental ratings apply only to DVDs and do not apply to Blu-ray discs.

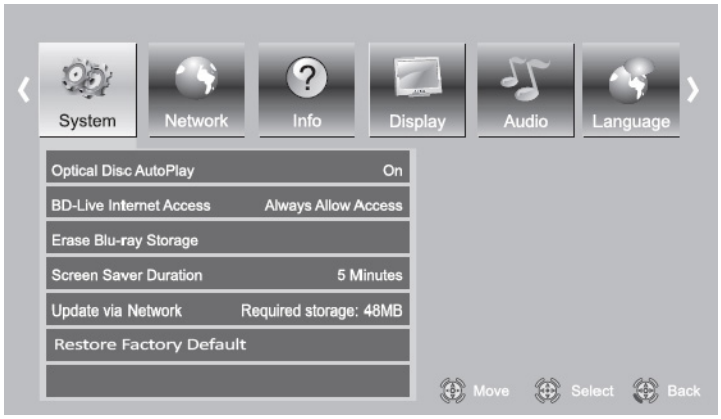
Parental Password

To change the password, enter a new, 4-digit password using the number buttons on the remote. The default password is **0 0 0 0**. Press ▼ to select *OK*, and then press **SELECT**.

Note: The System Reset feature will reset the password, but it will also reset all settings you may have changed.

System Menu

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *System*. The *System* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.



Optical Disc AutoPlay

Turn this option **On** if you would like to automatically start playback when a disc is inserted. Select **Off** if you do not.

BD-Live™ Internet Access

Control your player's access to websites for downloading BD-Live™ content.

- **Limit Access** will only allow your player to download content from a website which has a valid online certificate. This will reduce the chances of downloading malicious content onto your player.
- **Always Allow Access** allows your player to download content from any BD-Live™ website whose Internet address is encoded onto the BD Disc. There is no danger of malicious code download from valid commercial BD discs, but choosing this option and downloading BD-Live™ content via illegally authored BD discs, or discs obtained from questionable sources, could result in malicious code being downloaded onto your player.
- **Prohibit Access** prevents your player from downloading content from any BD-Live™ website.

BD-Live™ Internet Storage

Show the available capacity for BD-Live™ storage. You can also select BD-Live™ files to delete.

Erase Blu-ray Storage

Select to delete saved BD-Live™ files.

Screen Saver Duration

Set the length time your player is idle before the screen saver (black screen) begins. Choose from 5, 10, 20, or 30 minutes. When set to **OFF**, the screen saver will not begin.

Update Via Network

Download and install product updates for your player. See *Updating Your Player* on page 38 for detailed instructions.

Restore Factory Defaults

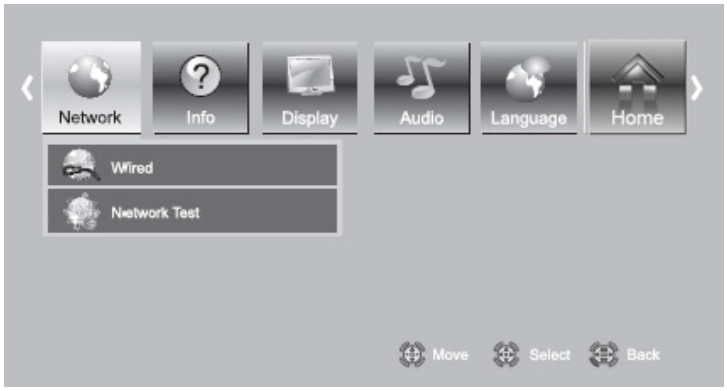
- **Restore factory settings and deactivate all connected applications:** reset your player to the default factory settings and deactivate applications such as Netflix, Pandora, and Vudu you set up on your player.

  Note: This **DOES** reset the Parental Control Password.
- **Restore factory settings:** reset your player to the default factory settings.

  Note: This **DOES** reset the Parental Control Password.
- **Deactivate all connected applications:** Deactivate applications such as Netflix, Pandora, and Vudu you set up on your player.
- **Deactivate Netflix:** Select to deactivate the Netflix account you set up on your player.
- **Deactivate Pandora:** Select to deactivate the Pandora account you set up on your player.
- **Deactivate Vudu:** Select to deactivate the Vudu account you set up on your player.

Network Menu

You can connect to the Internet by plugging in an Ethernet cable from your Internet connection to the Ethernet port on your player.



1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home* menu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home* menu.
2. Press ◄ or ► to select *Settings* and then press **SELECT**.
3. Press ◄ or ► to select *Network*. The *Network* menu opens.
4. Press ▲ or ▼ to make your selection.
5. Press ◄ or ► or **SELECT** to change the setting.
6. Press **RETURN** once to return to the sub-menu OR press **SETUP** to exit the *Settings* menu.

Wired (Dynamic)

The default IP mode is set to *Dynamic*, which means your player will automatically detect and use your network settings after you connect your Ethernet cable.

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home m*enu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home m*enu.
2. Connect one end of an Ethernet cable (not included) to the Ethernet port on your player.
3. Connect the other end of the Ethernet cable to your home network (usually your router). Your home network must have broadband Internet access such as cable or DSL. Your player should automatically get an IP address on the network and display the *Connected* icon in the upper right hand corner of your TV.

Note: If you need additional help setting up your network, please refer to the user manual for your router or contact the manufacturer of either your router or your Internet service provider if they provided the router for you.

Wired (Manual)

The default IP mode is set to *Dynamic*, which means your player will automatically detect and use your network settings after you connect your Ethernet cable, but you can manually change those settings if you are an advanced user and are comfortable with networks.

1. Turn on your player and your TV. If a DVD is not in the disc tray, the *Home m*enu will be displayed. If a DVD is in the disc tray, press **SETUP** to display the *Home m*enu.
2. Connect one end of an Ethernet cable (not included) to the Ethernet port on your player.
3. Connect the other end of the Ethernet cable to your home network (usually your router). Your home network must have broadband Internet access such as cable or DSL.
4. Press ◄ or ► to select *Settings*, and then press **SELECT**.
5. Press ◄ or ► to select *Network*, and then press **SELECT**.
6. Press ▲ or ▼ to select *Wired* and then press **SELECT**.
7. Press ◄ or ► to change *IP Mode* to *Manual* and then press **SELECT**.
8. Manually change your network settings such as **IP Address**, **Subnet Mask**, **Default Gateway**, the **Primary DNS**, and **Secondary DNS**.
9. Press ▲ or ▼ to select *Apply* and then press **SELECT**.

Note: If you need additional help setting up your network, please refer to the user manual for your router or contact the manufacturer of either your router or your Internet service provider if they provided the router for you.

Info Menu

View information about your player such as the current software version.

Chapter 13 Maintenance and Troubleshooting

Maintenance

Cleaning the Housing and Remote Control

- Use a soft cloth for cleaning.
- Do not use chemicals or abrasive cleaners because they can damage the finish.

General guidelines

- The top and back panels of your player may become hot after a long period of use.
- Remove the disc and put your player into standby mode when you are not using your player.

Condensation

- If condensation forms inside your player, your player will not work correctly. Turn on your player, remove the disc, leave the tray open, and then leave your player on for two to three hours.
- To minimize condensation problems, keep the power cord connected to a power outlet.

Storing discs

- Do not store discs in a place that is exposed to direct sunlight or heat.
- Do not store discs in a place that is exposed to moisture and dust, such as a bathroom or near a humidifier.
- Store discs vertically in their cases. Stacking discs or placing objects on discs when not in their cases may cause warping.

Cleaning & Handling discs

- Before playback, wipe the disc outwards from the center (not in a circle) with clean, lint-free cloth.
- To keep a disc clean, do not touch the play side of the disc.
- Do not attach paper or tape to the disc.

Updating Your Player

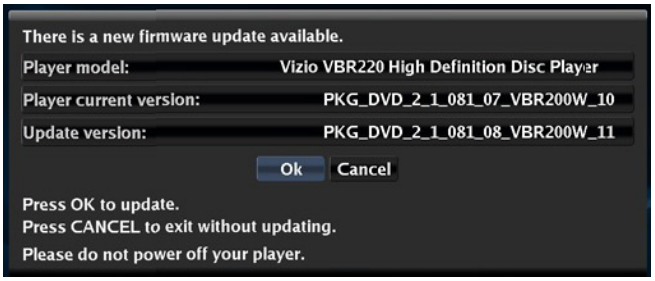
Your player has the ability to download and install product updates. All you need is an Internet connection – wired. There are two methods you can choose from to update your player: using the USB thumb drive or using the Internet connection.

Updating your player via USB

1. Download the software from www.vizio.com to the root directory of a USB thumb drive.

   Notes:

   - The USB storage device should be 1GB or larger with at least 100MB of free space and formatted FAT32. NTFS and other file systems are not supported.
   - The USB storage device must not have other .iso or .dat files in the root directory.
2. Connect the USB storage device to the USB port on the front of your player.
3. Follow the on-screen instructions to update your player.


There is a new firmware update available.
Player model: Vizio VBR220 High Definition Disc Player
Player current version: PKG_DVD_2_1_081_07_VBR200W_10
Update version: PKG_DVD_2_1_081_08_VBR200W_11
Ok
Cancel
Press OK to update.
Press CANCEL to exit without updating.
Please do not power off your player.

Updating your player via the Internet

When a new software update is available, a message will be displayed on the *Home* menu. To update the software:

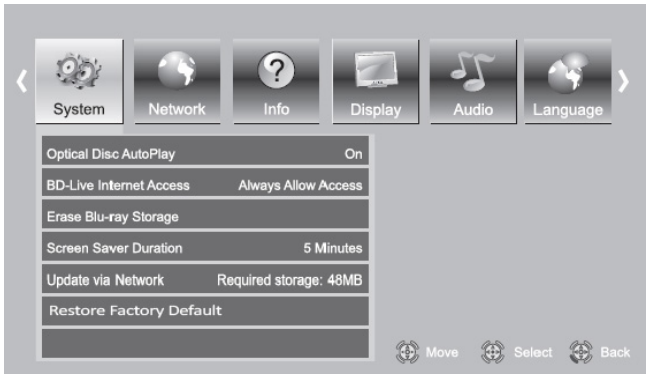
1. Connect your Blu-ray player to your home network (see *Connecting to your home network* on page 20).
2. Press the **B** (green) button.

   OR

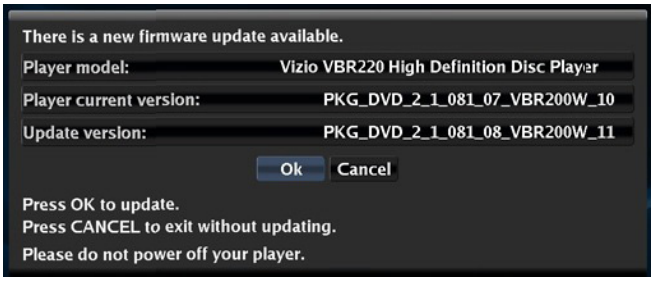
   a. Press ◄ or ► to select *Settings* and then press **SELECT**.

   b. Press ◄ or ► to select *System*. The *System* menu opens.

   c. Press ▼ to select *Update Via Network* and then press **SELECT**.



3. Follow the on-screen instructions to update your player.


There is a new firmware update available.
Player model: Vizio VBR220 High Definition Disc Player
Player current version: PKG_DVD_2_1_081_07_VBR200W_10
Update version: PKG_DVD_2_1_081_08_VBR200W_11
Ok
Cancel
Press OK to update.
Press CANCEL to exit without updating.
Please do not power off your player.

FAQ & Troubleshooting

If your player fails or the performance changes dramatically, check the FAQ and Troubleshooting solutions below. If your player still fails to perform as expected, contact VIZIO by calling 1-877-MYVIZIO (698-4946) or e-mail us at techsupport@vizio.com**.**

Frequently Asked Questions

1) How do I play multi-channel surround sound?

- Connect a home theater system to the HDMI, DIGITAL OPTICAL AUDIO OUT, or DIGITAL COAXIAL AUDIO OUT.
- Choose a multichannel soundtrack from the main disc menu.

2) Can I connect headphones or speakers to my player?

- You cannot connect headphones and speakers directly to your player. If you want to use headphones or speakers, connect a sound system to your player, and then connect the speakers or headphones to the sound system.

3) My TV has Composite In, Component In, and HDMI In jacks. Which should I use to connect my player?

- HDMI video provides the best picture and should be the first choice if your TV has HDMI jacks.
- Component video is the next best choice and provides a better picture than composite video.
- A high-definition picture is not possible using the composite video output.

4) Can I play Blu-ray Discs or DVDs that I bought in another country?

- You can play the discs if the video was recorded in standard NTSC format. You cannot play:
  - Blu-ray Discs that do not have a region code of A.
  - DVDs that do not have a region code of 1 or ALL.

5) Can I play Blu-ray Discs or DVDs that do not have region codes?

- The region management information for Blu-ray discs and DVDs video proves that the disc conforms to industry standards. You cannot play discs that do not conform to industry standards or do not have a region code.

6) What types of discs will my player play?

- Your player can play the following discs:
  - Blu-ray Disc
  - DVD
  - Audio CD containing media files
  - DVD-R/RW
  - DVD-R DL
  - DVD+R
  - DVD+RW
  - DVD+R DL
  - CD-Rs and CD-RWs
- You must close the session when you record discs.
- You cannot record discs with your player.

7) My disc became stuck. How can I remove it?

i) Turn off your player and disconnect it from the power outlet.

ii) Turn your player over so the bottom is facing up.

iii) Locate the ventilation hole with a white plastic piece visible.

iv) Insert a paper clip into the ventilation hole and slide the plastic piece towards the center of your player. The tray will open and you can remove your disc.

Operation Troubleshooting

Issue	Solution
No power.	• Make sure the power is ON. • Make sure the AC power cord is securely connected to the AC socket. • Plug another electrical device into the power outlet to verify that the outlet is working.
Remote control does not work.	• Point the remote directly at the remote sensor on your player. • Remove any obstacles between the remote control and the remote sensor. • Make sure that bright light does not shine on the remote control sensor or that colored glass is not in front of the sensor. Bright light and colored glass can interfere with signal reception. • Replace dead batteries with new ones.
Player does not work.	• If you see ⃠, the action you are trying to do is not allowed by your player or the disc. • A built-in safety device may have been activated. Press ⏻ on the front of your player to turn it off, and then turn it on again. If your player still does not turn on, unplug the power cord, wait about one minute, plug it in again, and then press ⏻ on the front of your player. • Condensation may have formed inside your player. Turn on your player, remove the disc, leave the tray open, and then leave your player on for two to three hours.
Blu-ray Disc or DVD does not play.	• Make sure that the disc has the same region code as your player. • Make sure that the disc is not dirty or defective. • The Parental Controls rating may be blocking the disc. Enter the 4-digit password and change the parental settings.
Receive the error message "No Signal" on my TV.	• Press the input or source button on the TV remote control to select the input source for your player.
Playback will not start, or playback starts then stops.	• Make sure that the disc is inserted with the label facing up. • Make sure that the disc is not dirty or defective. • The disc may be blank or not compatible with your player. For a list of compatible discs, see "Playable discs."
Subtitles do not display.	• Subtitles are not recorded on the disc. • Turn the subtitles on from the main disc menu.
Resume feature does not work.	• Resume information is lost when you press ■ or when you open the disc tray. • Most Blu-ray discs do not support the resume feature.
Disc tray opens automatically while playing a disc.	• Make sure that the disc is not dirty or defective. • Make sure there are no obstacles blocking the tray. • The disc may be blank or not compatible with your player. For a list of compatible discs, see "Playable discs". • Press ⏻, wait five seconds and then press ⏻ again to reset your player.
The player is on and displays the start logo and menu, but there is no image from the disc.	• Clean the disc if it is dirty. • Press ⏻, wait five seconds, and then press ⏻ again to reset your player. • Set *Optical Disc AutoPlay* to **On**.

Issue	Solution
The player freezes when reading a CD-R or DVD-R.	• When you see “loading” on the screen, press ⏏, remove the disc and clean it and then try again.

Audio Troubleshooting

Issue	Solution
No sound.	• Press Volume + (Up) on the TV remote control. • Press MUTE on the TV remote control to make sure that MUTE is not ON. • Make sure headphones are not connected to the TV or home theater system. • Check the audio connections of external devices that may be connected.
Audio pauses momentarily.	• This occurs normally between play list chapters or scenes. • Audio momentarily pauses when your player switches between layers on a dual-layer disc.
You can see a picture but you cannot hear sound.	• Press Volume **+** (Up) on the TV remote control. • Press MUTE on the TV remote control to make sure that MUTE is not ON. • Press **AUDIO** to select the audio. • Make sure headphones are not connected to the TV or home theater system. • Check the audio connections of external devices that may be connected. • Audio may not be heard when more than four devices are connected with HDMI cables. Reduce the number of connected devices.
Cannot switch audio.	• Some discs do not let you change the audio. • When connecting a home theater system using a coaxial digital cable, optical digital audio cable, or an HDMI cable, set **Digital Audio Output** to **PCM** or connect the home theater system using a standard audio cable.
Incorrect audio type.	• Depending on the connected equipment, not all audio tracks may be available if your player is connected with an HDMI cable and the TV or receiver does not support the audio track selected. • Sound effects are only sent to the audio outputs (**HDMI** jack or the **DIGITAL AUDIO OUT** jack) if Bitstream Mixed is selected from the audio menu. • Dolby Digital Plus, Dolby TruHD, and DTS-HD cannot be output from the **DIGITAL AUDIO OUT** jacks. Instead, these BD audio tracks, if present, are output as Dolby Digital or DTS Digital Surround bitstreams. (The HDMI still outputs Dolby Digital Plus, Dolby TruHD, and DTS-HD bitstreams, as long as the HDMI receiver supports these formats). • Some audio tracks may be changed prior to being sent to the audio jack, depending on the Audio settings and the receiver capabilities. For instance, selecting “Bitstream Mixed” will cause the BD player to output a (remixed) DTS stream, regardless of the audio track selected.

Video Troubleshooting

Issue	Solution
Video is not in high-definition.	• Connect the TV using HDMI or Component video. Composite video cannot output in high-definition. • If you have connected the TV to the HDMI or component video jacks, make sure that you have selected the correct resolution in the *Settings* menu. • Almost all commercial DVDs (but not Blu-ray discs) limit component video resolution to 480p. Upscaling of commercial DVD content is only possible over HDMI. • Your TV is not capable of displaying HD video. Consult your TV documentation.
Video pauses momentarily.	• This occurs normally between play list chapters or scenes. • Video momentarily pauses when your player switches between layers on a dual-layer disc.
4:3 aspect ratio picture expands left and right or screen size is incorrect.	• Use the TV to change the aspect ratio. See the documentation that came with the TV. • If the TV is connected to the component video jacks, set TV Aspect to 4:3 Pan & Scan. • If the TV is connected to HDMI, set the TV Aspect to 16:9.
The screen is black.	• Make sure the power is ON. • Press the input or source button on the TV remote control to select the input source for your player. • Make sure the cables are securely connected to your TV and any external devices. • Make sure that the disc is not dirty or defective. • Press ⏻, wait five seconds, and then press ⏻ again to reset your player.
PIP does not work with a Blu-ray Disc.	• Make sure that the Blu-ray disc allows PIP. See the documentation that came with the disc.
Cannot change the viewing angle.	• Not all discs or scenes are recorded with multiple viewing angles.
Power is ON but there is no image on the screen.	• Make sure the cables are securely connected to your TV and any external devices. • Adjust brightness, contrast, or backlight on the TV. • Press the input or source button on the TV remote control to select the input source for your player.
The picture is distorted.	• Press ⏻, wait five seconds, and then press ⏻ again. • Check the video cables to make sure they are securely connected.

BD-Live™ & USB Troubleshooting

Issue	Solution
Cannot connect to the Internet.	• Make sure the Internet connection is set up correctly. See *Connecting to your home network* on page 20 for detailed information. • Test the Internet connection to make sure it is working. See the *Network Menu* on page 35 for detailed information. • Make sure the BD-Live™ Internet Access option is not set to **Prohibit Access**. For more information, see the System menu section. • Make sure the disc you are playing is a legal copy.
Connected to BD-Live™, but cannot download files.	• Test the Internet connection to make sure it is working. For more information, see the *Network Menu* section. • The USB storage device should be 1GB or larger with at least 1GB of free space and

Issue	Solution
	formatted FAT32. NTFS and other file systems are not supported. • Try a different USB drive.
Downloaded files keep pausing during playback.	• Make sure the USB storage device is a USB 2.0 device. If the device is a USB 1.1 device, pausing can occur.

Netflix, Pandora, and Vudu Troubleshooting

Issue	Solution

The Apps are not working correctly	• If you are experiencing an issue with the functionality or features of Netflix, Pandora, or Vudu, please contact these companies directly.
	  ○ Netflix: www.netflix.com/help or call 1-866-579-7113
	  ○ Vudu: 888-554-VUDU (8838)
	  ○ Pandora: http://www.pandora.com/support/
	Note: VIZIO is not responsible for customer service related to content and/or services provided by the third parties who create the Apps. Any questions or requests for service relating to the content or services should be made directly to the specific App service providers.

Internet Connection Troubleshooting

Issue	Solution
Ethernet (Wired) Connection Issues	• Insure that the Ethernet cable is securely inserted into your access point and the back of the player. • Make sure the Internet connection is set up correctly. See *Connecting to your home network* on page 20 for detailed information. • Test the Internet connection to make sure it is working. See the *Network Menu* on page 34 for detailed information. • Check network connectivity with other devices (such as computer). • If you require further assistance, please contact your Internet Service Provider.

Telephone & Technical Support

Products are often returned due to a technical problem rather than a defective product that may result in unnecessary shipping charges billed to you. Our trained support personnel can often resolve the problem over the phone. For more information on warranty service or repair, after the warranty period, please contact our Support Department at the number below.

Customer support and quality service are integral parts of VIZIO's commitment to service excellence.

For technical assistance contact our VIZIO Technical Support Department via email or phone.

Email: **techsupport@vizio.com**

(877) 698-4946 Fax: (949) 585-9563

Hours of operation: Monday - Friday: 6 am to 9 pm

Saturday – Sunday: 8 am to 4 pm

Please have your VIZIO model number, serial number, and date of purchase available before you call.

VIZIO

Address:

39 Tesla

Irvine, CA 92618, USA

Telephone: (949) 428-2525 Fax: 949-585-9514

Web: **www.vizio.com**

Specifications

Resolution Supported	Blu-ray Disc Resolutions of 1080p (HDMI Out) 1080i / 720p / 480i / 480p (HDMI / Component Out) DVD, DVD-R, DVD-RW Selectable Resolutions of 1080p (HDMI) 1080i / 720p / 480i / 480p (HDMI / Component Out)	
Video Features	Rovi, HDCP, HDMI 1.3c, MPEG-2 / VC-1, H.264/AVC, JPEG	
Audio Features	CD, CD-R, CD-RW, MP3 Support 7.1 Digital Audio via HDMI 24-bit / 192KHz Audio DAC	
Inputs	2x USB (1 front, 1 rear)	
Outputs	1x HDMI 1x Component Video 1x Composite Video 1x Ethernet 10/100	1x Stereo Audio 1x Optical Audio 1x Coaxial Audio
Features	Blu-ray Disc Resolutions of 1080p (HDMI Out) 1080i/720p/480p/480i (Component Out) DVD, DVD+/-R, DVD+/-RW Selectable Resolutions of 1080p (HDMI) 1080i/720p/480p/480i (HDMI / Component Out),CD, CD-R, CD-RW, MP3 CD Support, Dolby Digital / Dolby Digital Plus / Dolby Digital TrueHD, DTS Digital Surround, BD-Live™, JPG, MP3, Netflix, Vudu, Pandora, Media Playback through USB for Photo/MP3	
Power		
Voltage Range	110-120V at 60Hz	
Power Consumption	<25W (average), <1W Standby	
Environmental Conditions		
Operating	Temperature: 41°F ~ 113°F (5°C~45°C), Relative Humidity: 10~80%, Altitude: 0~14,000 ft	
Dimensions	12.598 × 1.969 × 9.449 inches (32 × 5 × 11.3 cm)	
Net Weight	4.96 lbs. (2.2 kg)	
Gross Weight	7.275 lbs. (3.3 kg)	
Certifications	CUL, UL, FCC Class B, HDMI, BDA, Adobe, Netflix, Pandora, Vudu	
Compliances	Energy Star 2.0, ROHS	

*Product specifications may change without notice or obligation.

Legal notices

FCC Class B Radio Interference Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

Notice:

1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

Copyrights

- Because AACS (Advanced Access Content System) is approved as content protection system for BD format, similar to use of CSS (Content Scramble System) for DVD format, certain restrictions are imposed on playback, analog signal output, etc., of AACS protected contents. The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product. Furthermore, BD-ROM Mark and BD+ are additionally used as content protection systems for BD format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact an authorized Customer Service Center.
- Many BD-ROM/DVD discs are encoded with copy protection. Because of this, you should only connect your player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected discs.
- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi. Reverse engineering or disassembly is prohibited.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, BD-ROM discs, DVDs, CDs and other materials may subject you to civil and/or criminal liability.

Licenses

- Java and all Java-based trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and other countries.
- Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.
- Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and the Symbol are registered trademarks, & DTS-HD, DTS-HD Advanced Digital Out and the DTS logos are trademarks of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.
- "BD-LIVE" logo is a trademark of Blu-ray Disc Association.
- HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.
- "DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.
- "Blu-ray Disc" is a trademark.
- "BONUSVIEW" is trademark of Blu-ray Disc Association.
- This product is licensed under the AVC patent portfolio license and VC-1 patent portfolio license for the personal and non-commercial use of a consumer to (i) encode video in compliance with the AVC Standard and VC-1 Standard ("AVC/VC-1 Video") and/or (ii) decode AVC/VC-1 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide AVC/VC-1 Video. No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, LLC. See http://www.mpegla.com.
- "AVCHD" and the "AVCHD" logo are trademarks of Panasonic Corporation and Sony Corporation.

ONE-YEAR LIMITED WARRANTY ON PARTS AND LABOR

Covers units purchased as new in United States and Puerto Rico Only

VIZIO provides a warranty to the original purchaser of a new Product against defects in materials and workmanship for a period of one year of non-commercial usage and ninety (90) days of commercial use. If a Product covered by this warranty is determined to be defective within the warranty period, VIZIO will either repair or replace the Product at its sole option and discretion.

To obtain warranty service, contact VIZIO Technical Support via email: TechSupport@VIZIO.com or via phone at 877 MY VIZIO (877.698.4946) from 6:00AM to 9:00PM Monday through Friday and 8:00AM to 4:00PM Saturday and Sunday, Pacific Time, or visit www.VIZIO.com. PRE-AUTHORIZATION MUST BE OBTAINED BEFORE SENDING ANY PRODUCT TO A VIZIO SERVICE CENTER. Proof of purchase in the form of a purchase receipt or copy thereof is required to show that a Product is within the warranty period.

Parts and Labor

There will be no charge for parts or labor during the warranty period. Replacement parts and Products may be new or recertified at VIZIO's option and sole discretion. Replacement parts and Products are warranted for the remaining portion of the original warranty or for ninety (90) days from warranty service or replacement, whichever is greater.

Type of Service

Defective Products must be sent to a VIZIO service center to obtain warranty service. VIZIO is not responsible for transportation costs to the service center, but VIZIO will cover return shipping to the customer. PRE-AUTHORIZATION IS REQUIRED BEFORE SENDING ANY PRODUCT TO A VIZIO SERVICE CENTER FOR WARRANTY SERVICE.

Product returns to VIZIO's service centers must utilize either the original carton box and shipping material or packaging that affords an equal degree of protection. VIZIO Technical Support will provide instructions for packing and shipping the covered Product to the VIZIO service center.

Limitations and Exclusions

VIZIO's one-year limited warranty only covers defects in materials and workmanship. This warranty does not cover, for example: cosmetic damage, normal wear and tear, improper operation, improper voltage supply or power surges, signal issues, damages from shipping, acts of God, any type of customer misuse, modifications or adjustments, as well as installation and set-up issues or any repairs attempted by anyone other than by a VIZIO authorized service center. Products with unreadable or removed serial numbers, or requiring routine maintenance are not covered. This one year limited warranty does not cover Products sold "AS IS", "FACTORY RECERTIFIED", or by a non-authorized reseller.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE LISTED OR DESCRIBED ABOVE. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED IN DURATION TO THE PERIOD OF TIME SET FORTH ABOVE. VIZIO'S TOTAL LIABILITY FOR ANY AND ALL LOSSES AND DAMAGES RESULTING FROM ANY CAUSE WHATSOEVER INCLUDING VIZIO'S NEGLIGENCE, ALLEGED DAMAGE, OR DEFECTIVE GOODS, WHETHER SUCH DEFECTS ARE DISCOVERABLE OR LATENT, SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCT. VIZIO SHALL NOT BE RESPONSIBLE FOR LOSS OF USE, LOSS OF INFORMATION OR DATA, COMMERCIAL LOSS, LOST REVENUE OR LOST PROFITS, OR OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THIS WARRANTY IS SUBJECT TO CHANGE WITHOUT NOTICE. CHECK www.VIZIO.com FOR THE MOST CURRENT VERSION.

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